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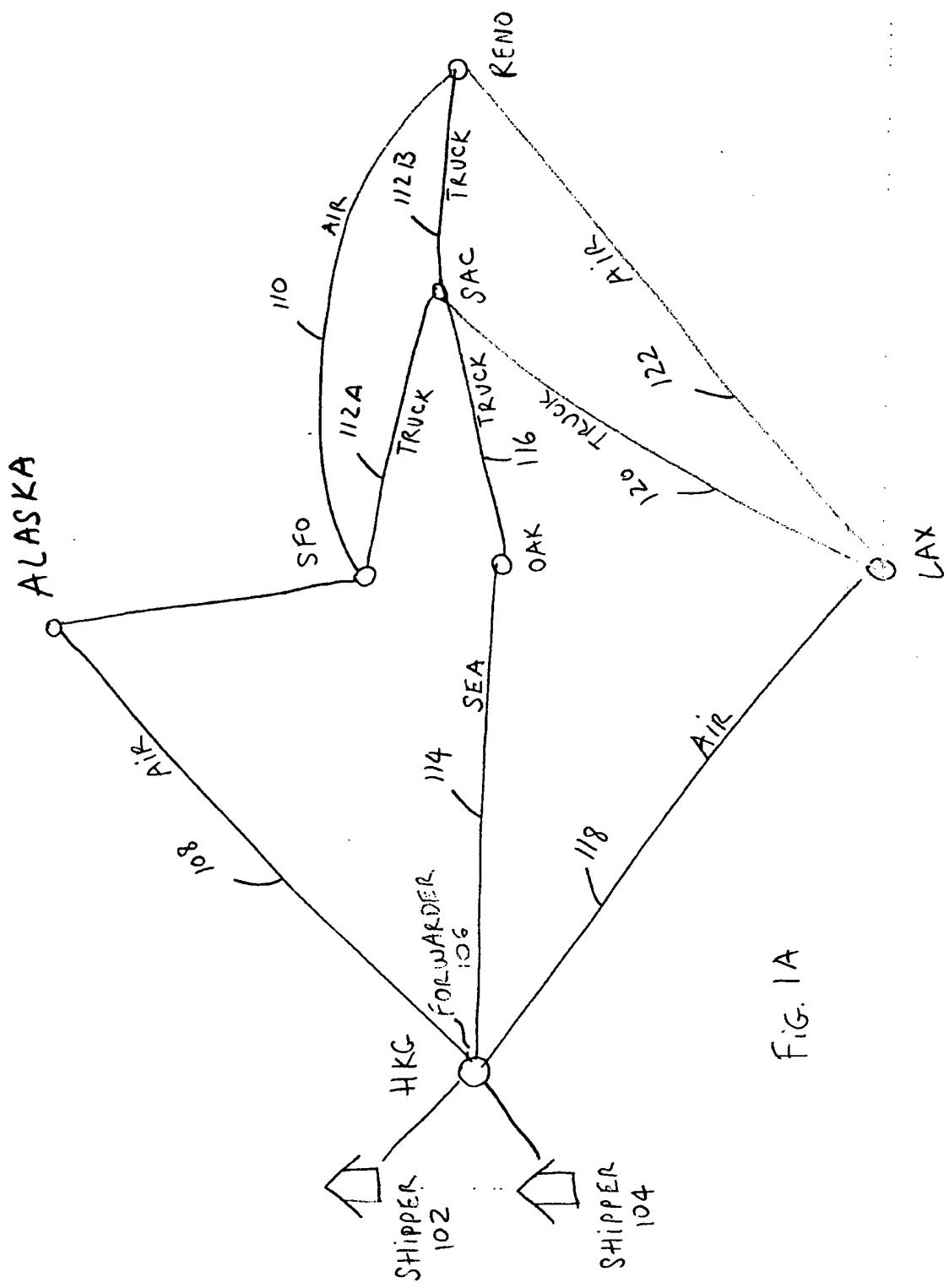
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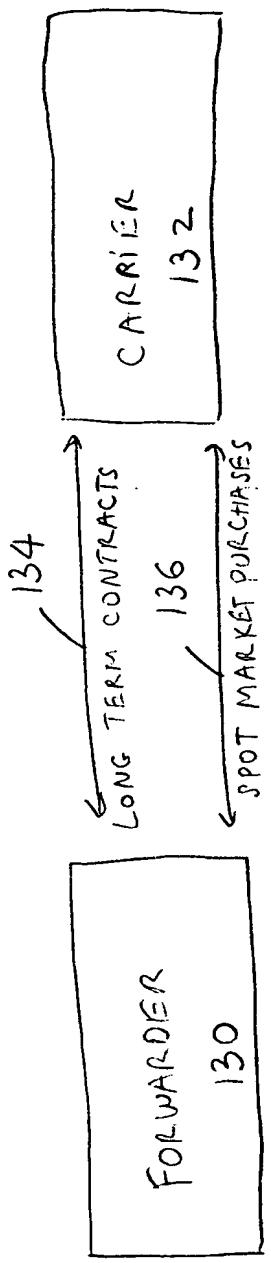


Fig. 1B

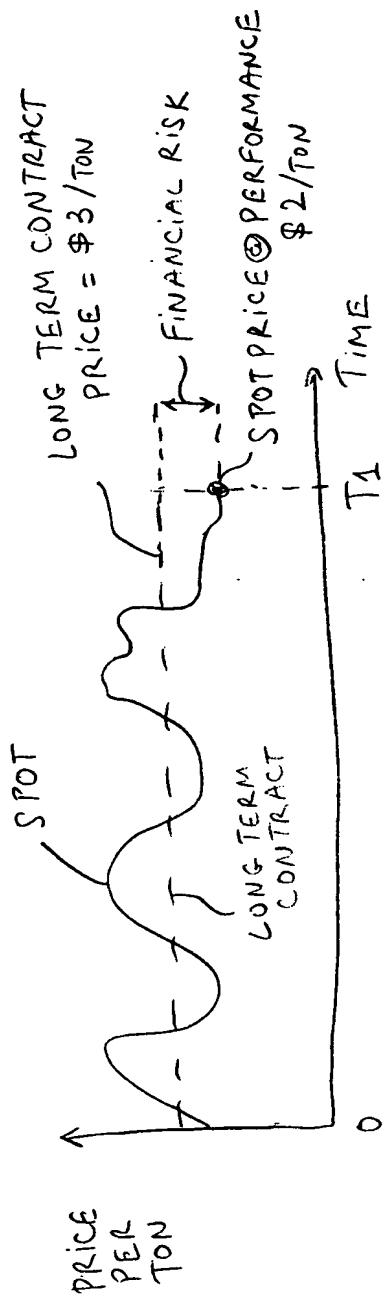


Fig. 1C

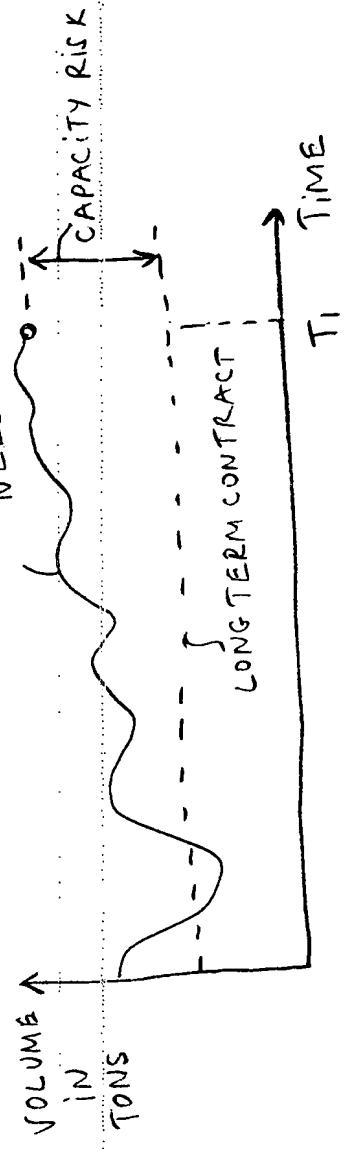


Fig. 1D

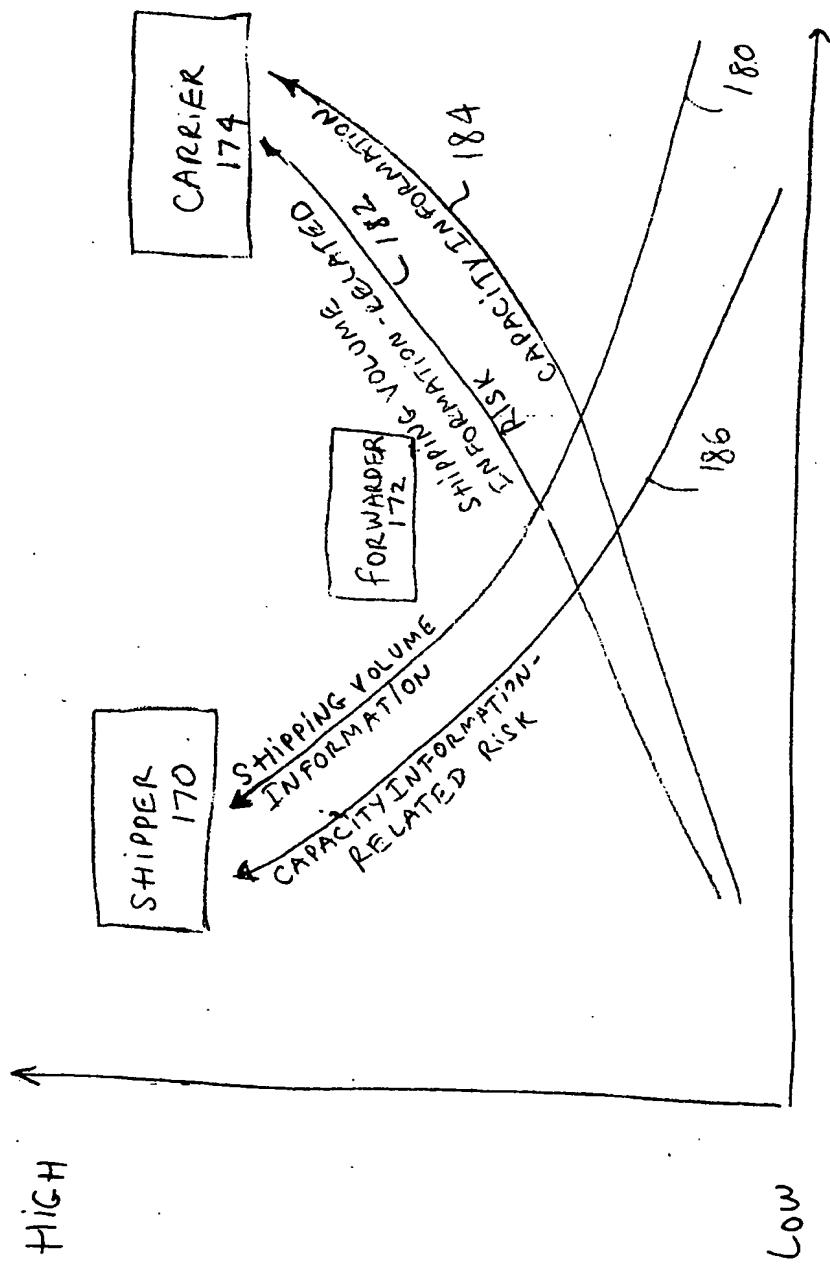


Fig. 1E

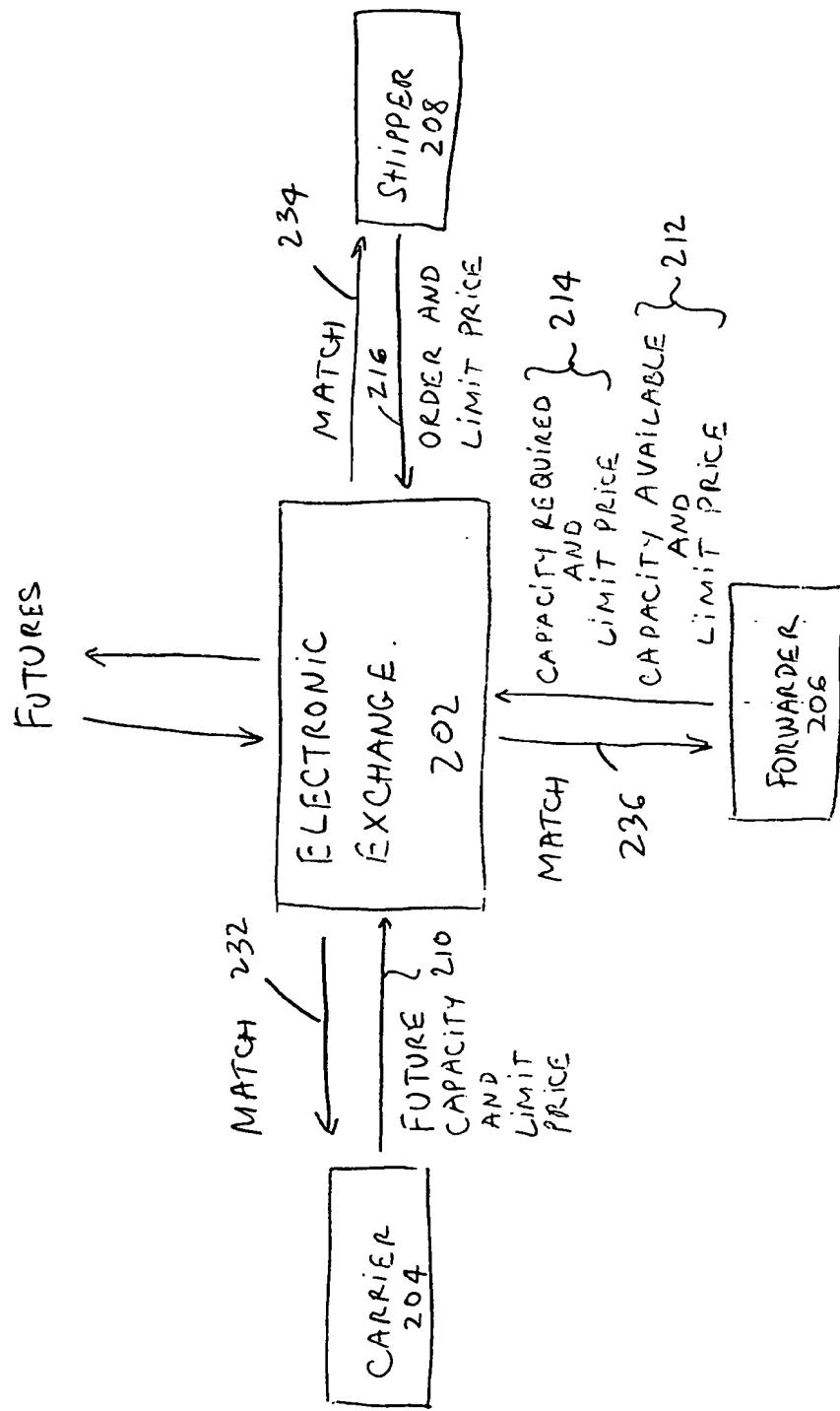


Fig. 2 (prior ART)

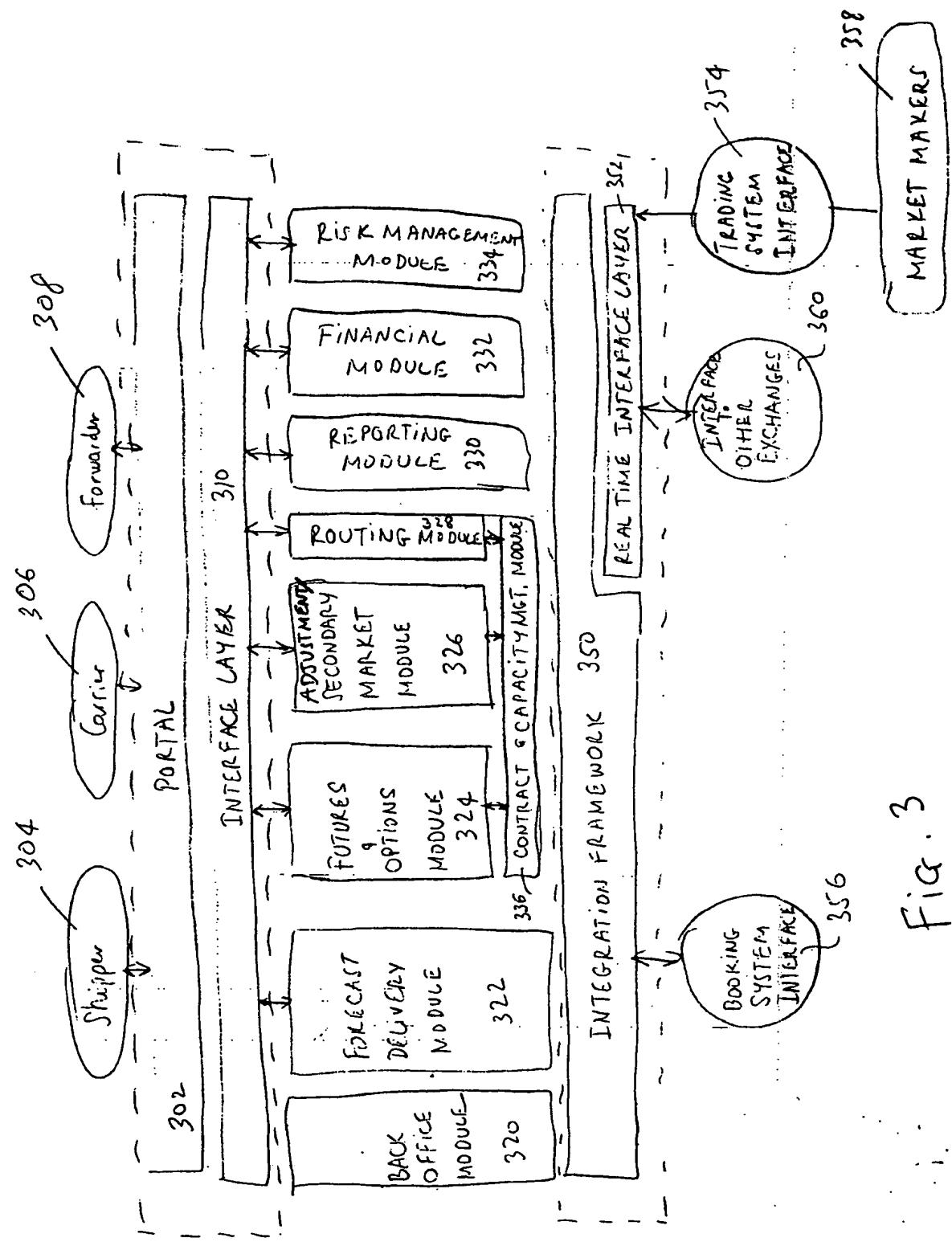


Fig. 3

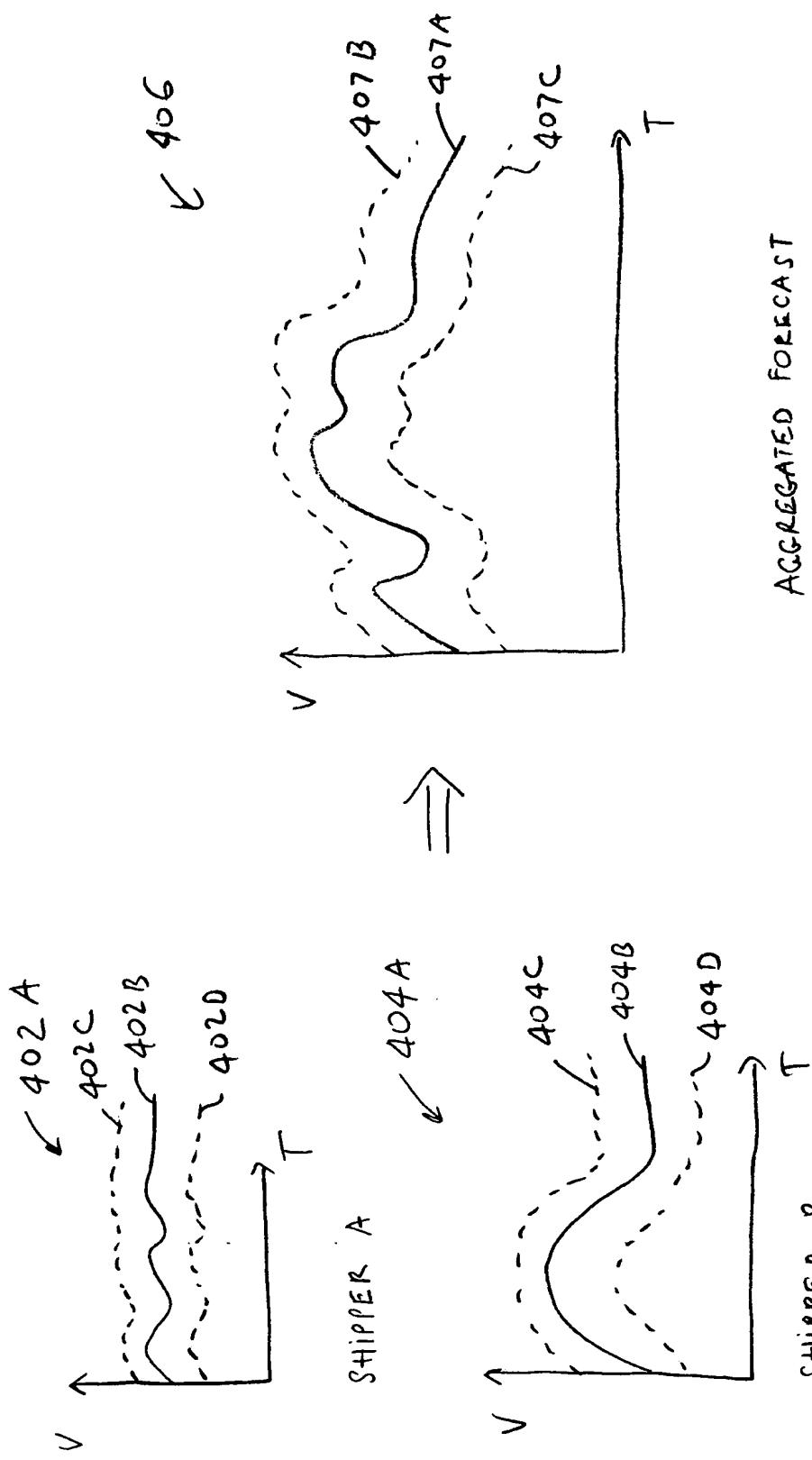


Fig. 4A

Fig. 4B

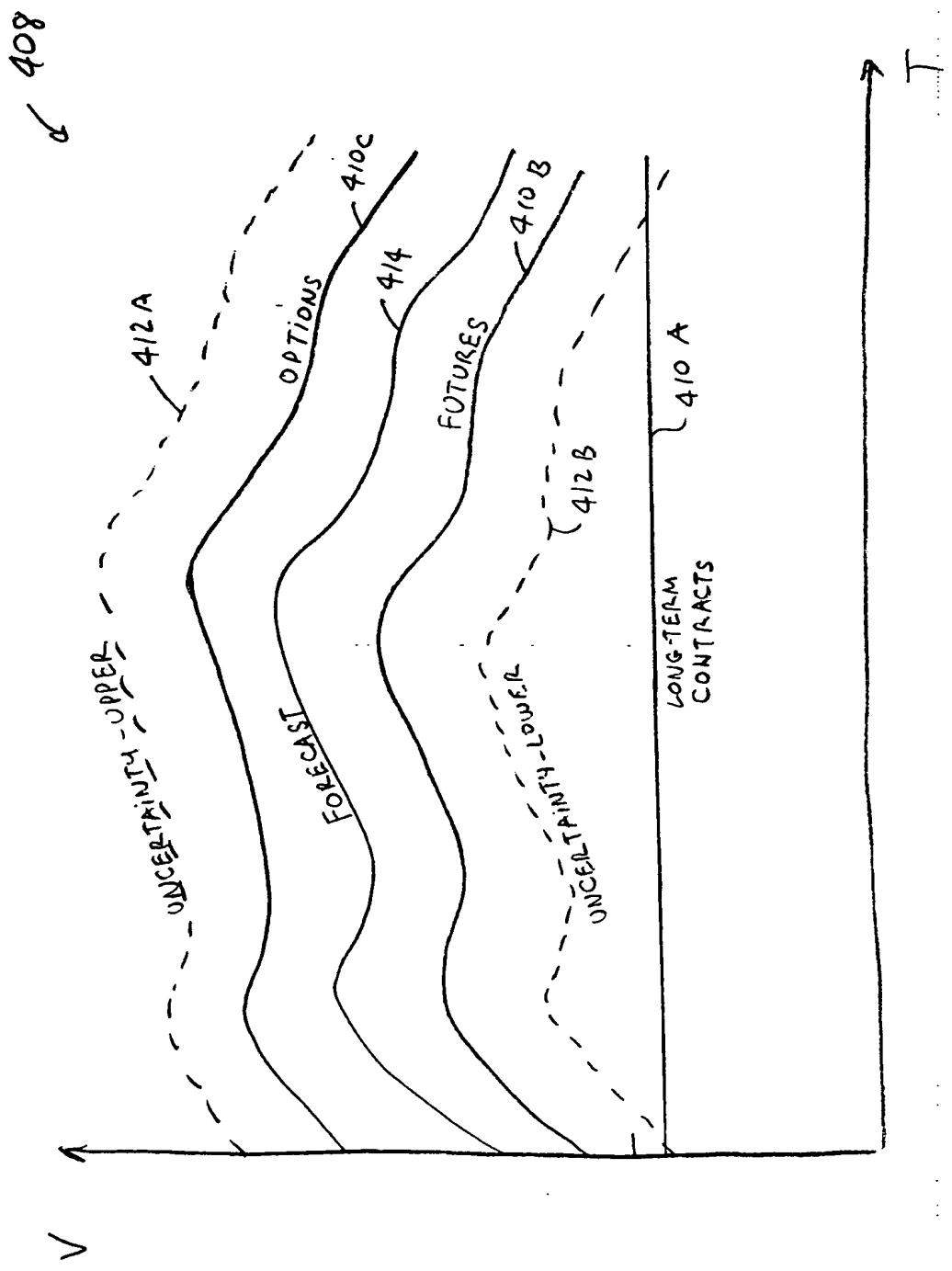


Fig 4c

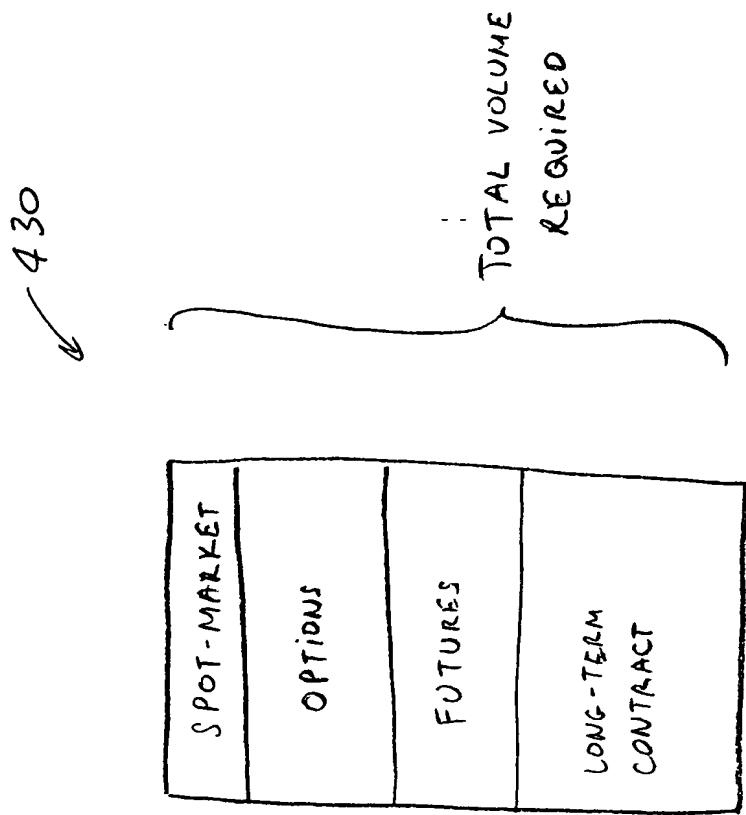
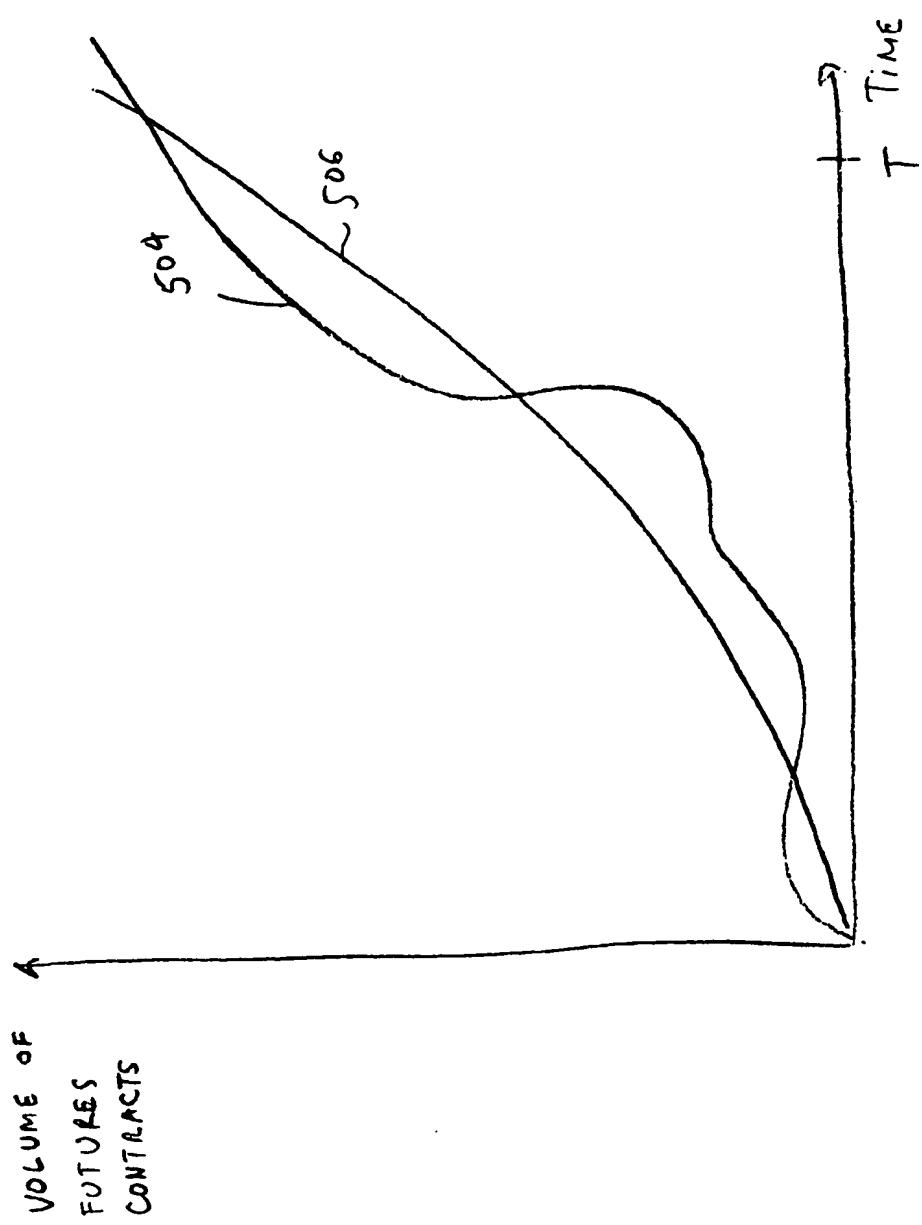
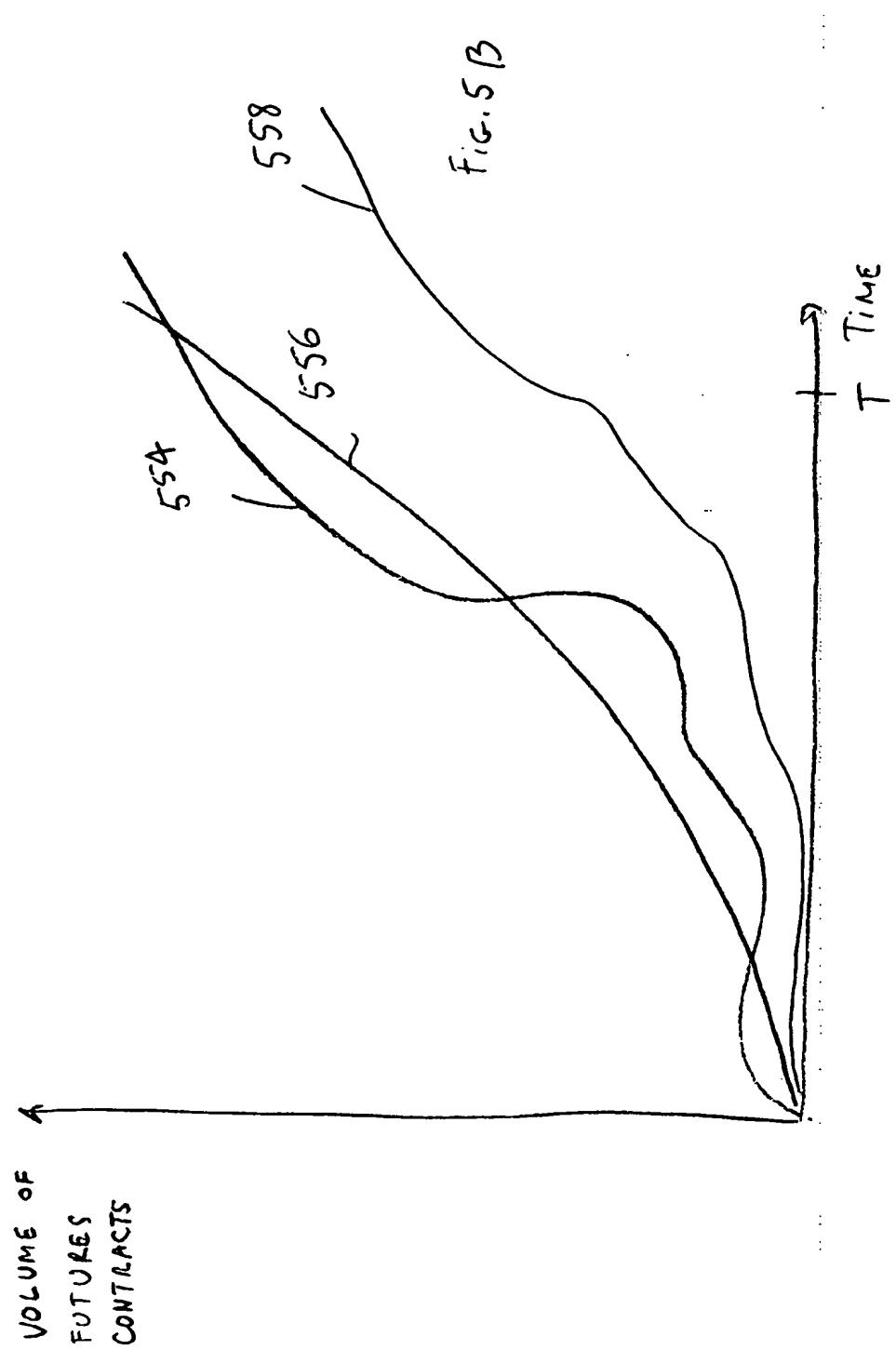


fig. 5A





$$\text{Index}_V = \frac{\sum_{i \in V} \text{Price}_i \times \text{Volume}_i}{\sum_{i \in V} \text{Volume}_i}$$

Fig. 6

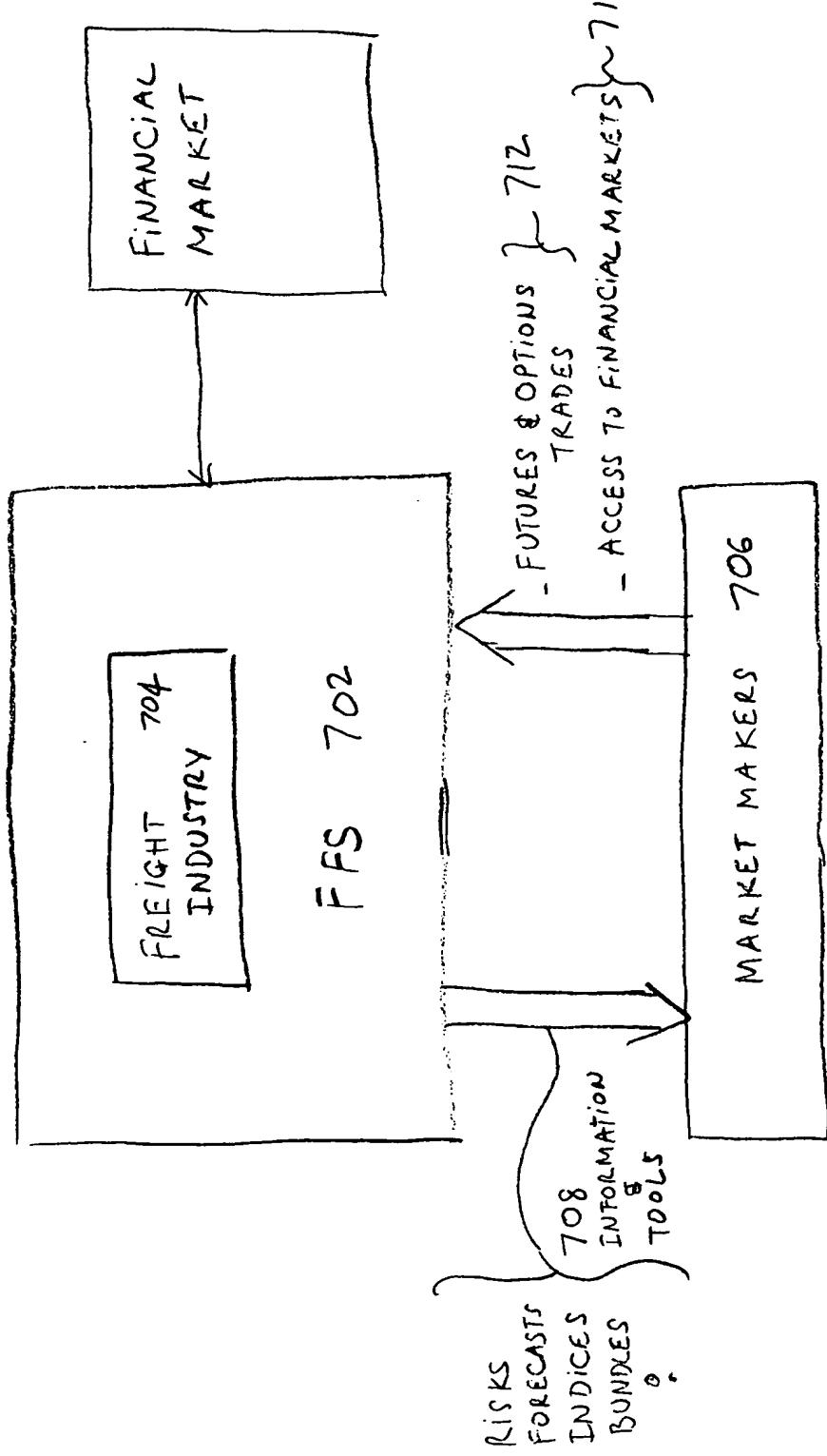


Fig. 7

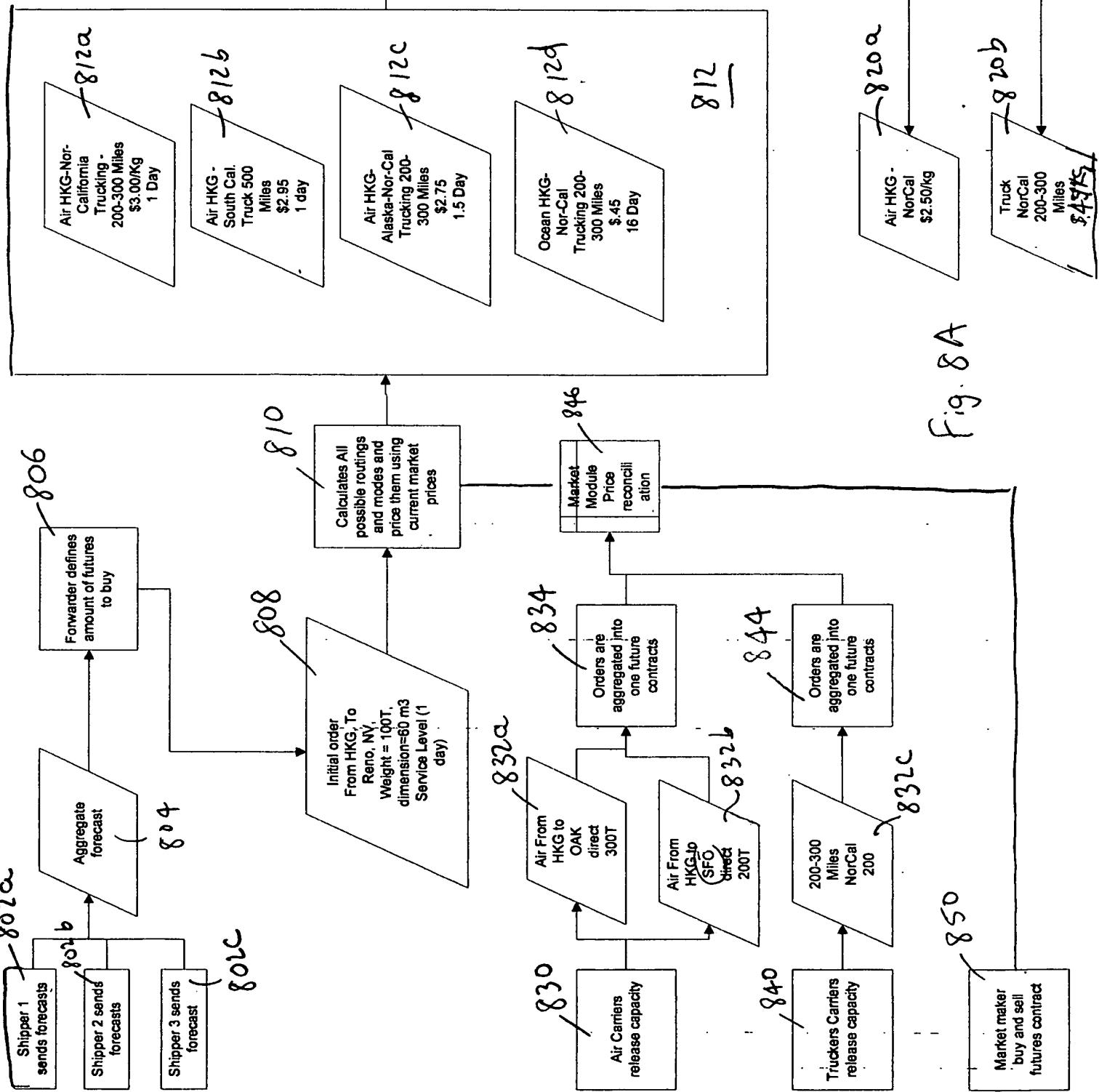


Fig. 84

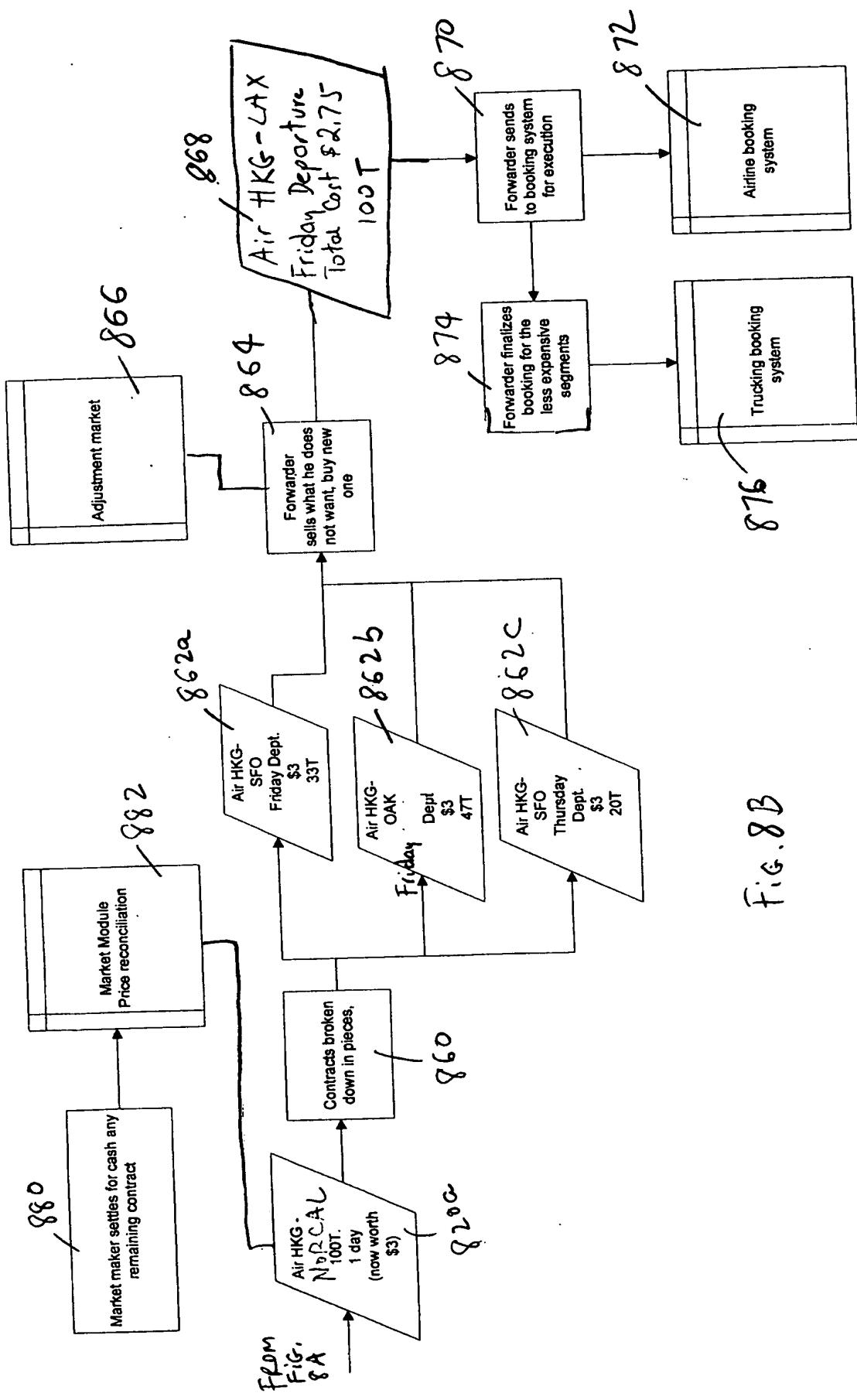
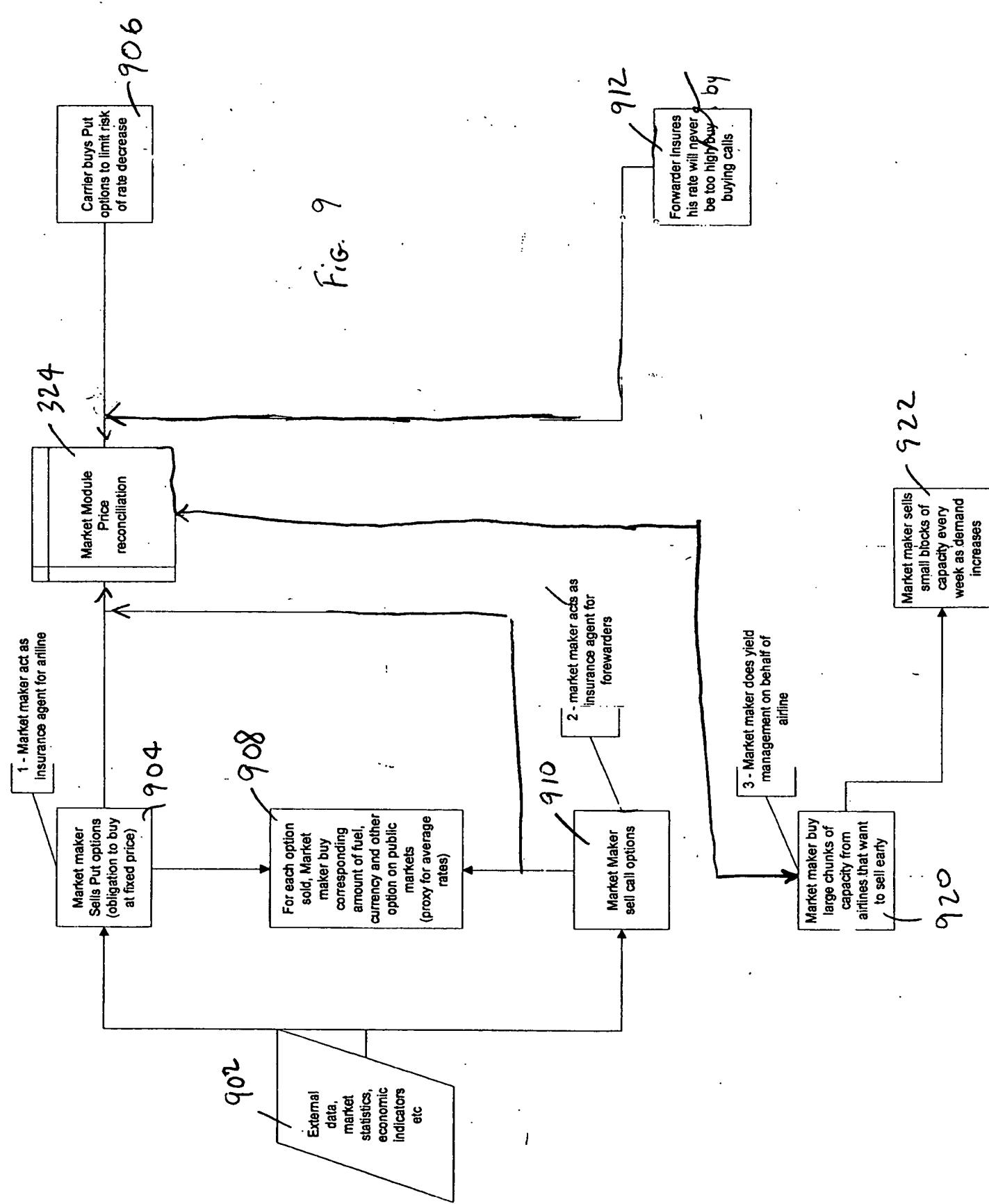


Fig. 8B



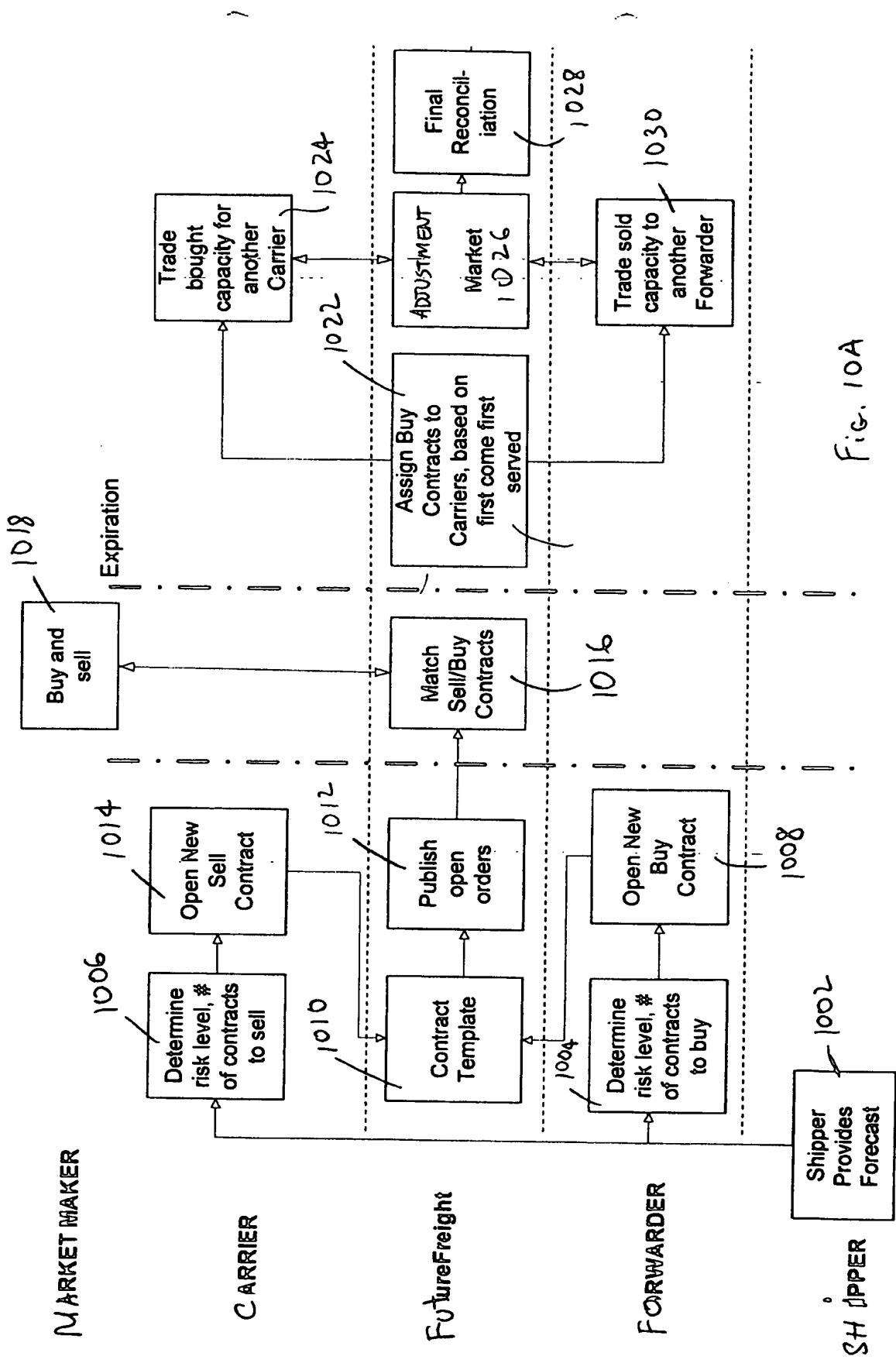


Fig. 10A

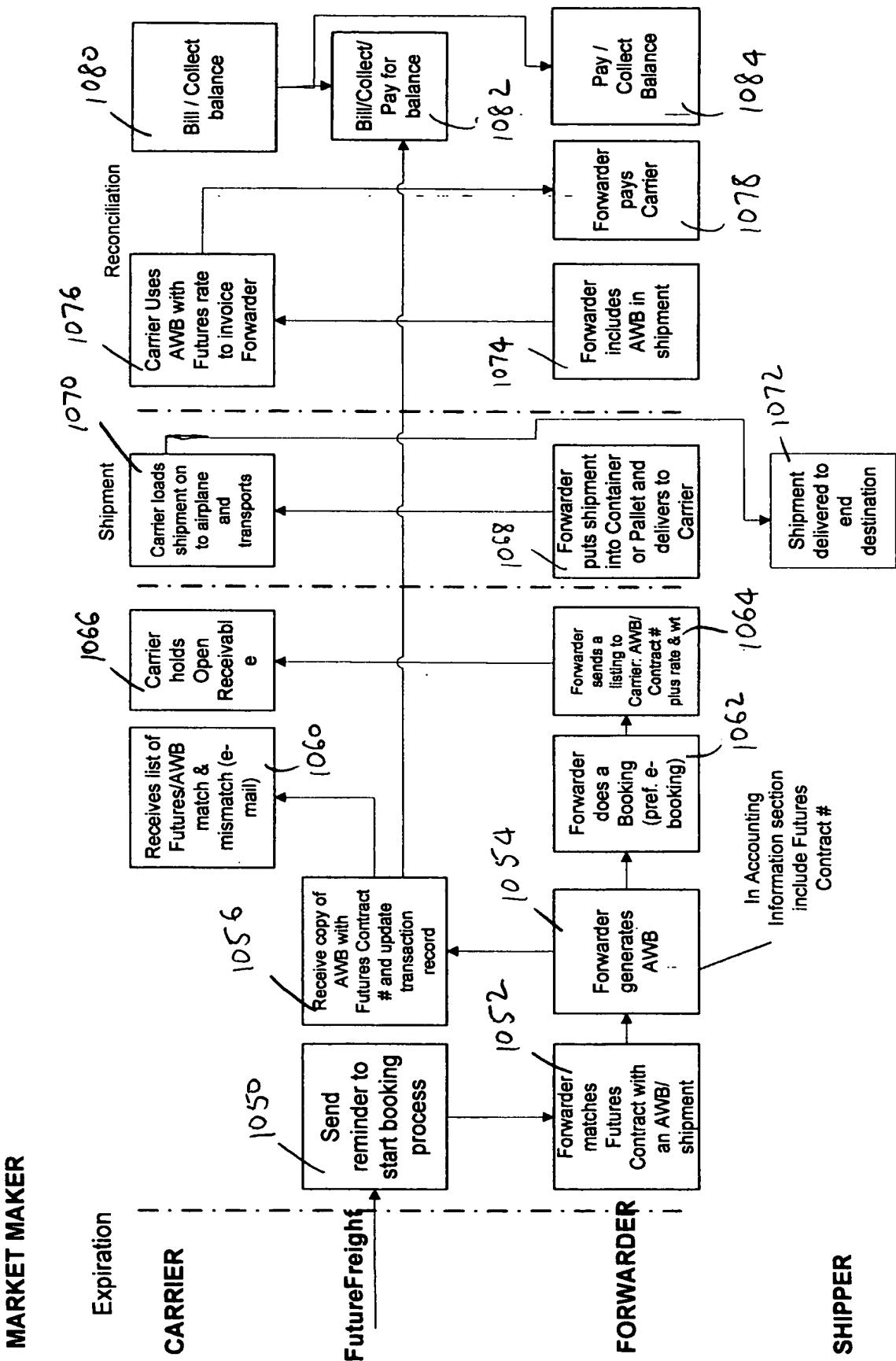
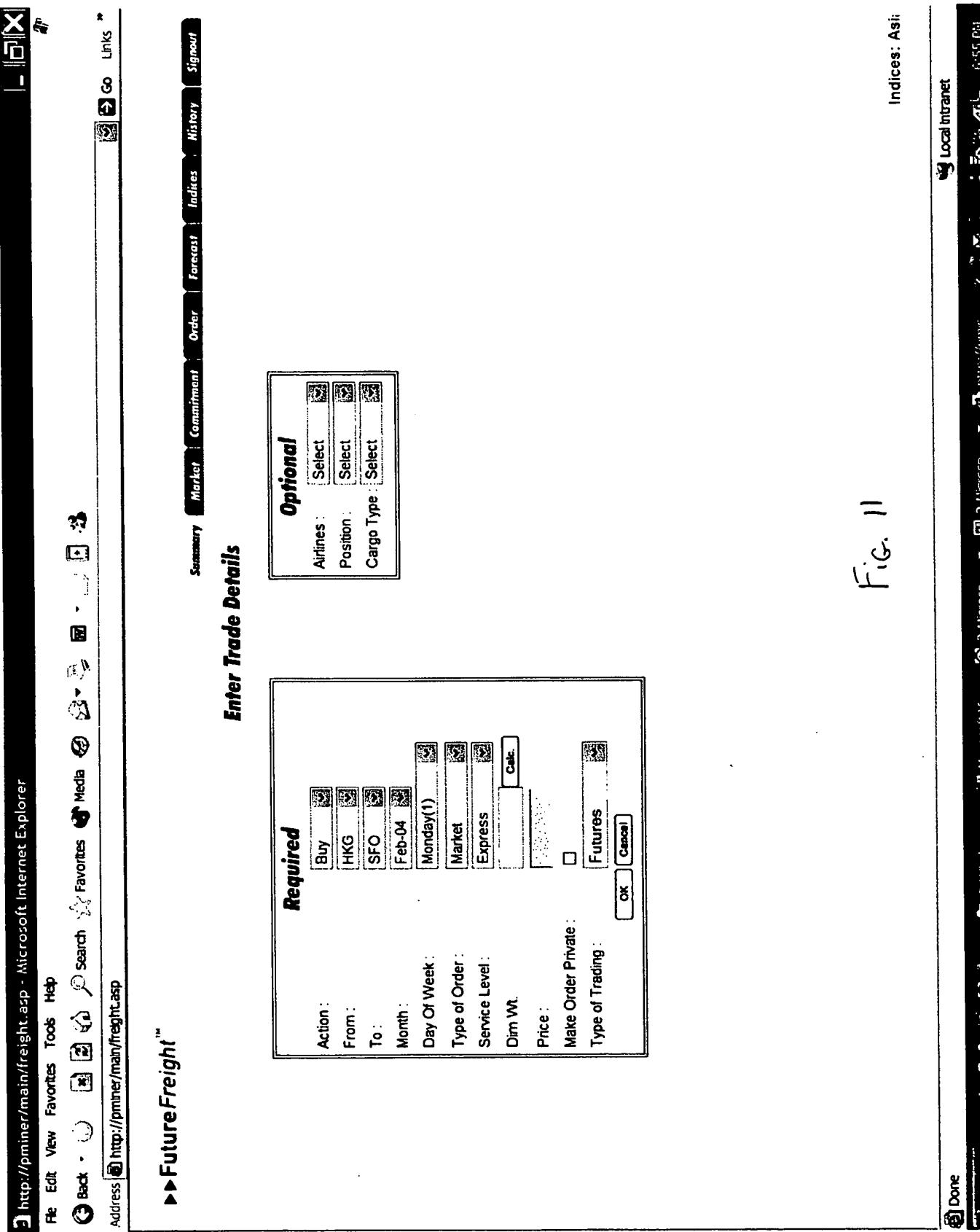


Fig. 103



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## ►►Future Freight!►►

Select Region: From: Asia To: US-West

Futures View

## Market

Orig	Dest	Month	Service	Bid	Ask	Weight
HKG	SFO	Nov-03	2 Day	\$2.21		134
TPE	SFO	Nov-03	2 Day	\$2.30	\$2.31	134
TPE	LAX	Jan-04	Express	\$2.86	\$2.87	150
HKG	SFO	Feb-04	Express	\$2.45	\$2.48	100
HKG	LAX	Dec-03	1 day	\$2.23	\$2.34	100
PVG	SEA	Dec-03	Express	\$2.42	\$2.49	100
ICN	LAX	Nov-03	1 Day	\$2.86	\$2.89	75
						1202
						1206

## My Commitments

Orig	Dest	Month	Service	Price	Curr Price	Gain	% of Forecast	Wt	Action
HKG	SFO	SFO Nov-03	Express	\$1.30	\$1.80	\$0.50	16%	76	B
HKG	SFO	SFO Dec-03	Express	\$1.30	\$1.30	\$0	0%	20	B
PVG	SEA	SEA Nov-03	Express	\$2.23	\$2.79	\$0.56	12%	12	B
TPE	LAX	LAX Feb-04	Express	\$2.86	\$2.86	\$0	0%	54	B
TPE	SFO	SFO Jan-04	Express	\$2.23	\$2.12	\$-0.11	13%	120	B
HKG	SEA	SEA Dec-03	Express	\$1.90	\$6.00	\$4.10	9%	43	S
HKG	SFO	SFO Dec-03	Express	\$2.23	\$2.40	\$0.17	13%	33	S
ICN	LAX	LAX Nov-03	Express	\$2.23	\$2.23	\$0	0%	10	S
PVG	SFO	SFO Nov-03	2 day	\$2.23	\$2.50	\$0.27	34%	99	S

## Forwarder Dashboard

## My Orders

Orig	Dest	Month	Service	Type of Order	Limit Price	Weight
SIN	SFO	Dec-03	1 Day	Buy	\$1.30	78
SIN	SFO	Nov-03	Express	Sell	\$2.48	54
TPE	SFO	Dec-03	1 Day	Sell	\$2.88	98
SIN	SFO	Feb-04	Express	Buy	\$1.58	45
ICN	LAX	Feb-04	Express	Sell	\$2.67	12
HKG	LAX	Jan-04	1 Day	Buy	\$1.58	40
ICN	SFO	Nov-03	1 Day	Iceberg Sell	\$1.54	150
TPE	LAX	Nov-03	Express	Sell	\$3.50	14
HKG	SFO	Dec-03	Express	Sell	\$3.00	134
					~	~
						1208

## Forecast

Orig	Dest	Shipper	Month	Cargo Type	Vol	Act Wt	Trd Wt	Cont	Qual
TPE	SFO	Cisco	Nov-04	Electronic	500	22	21	63%	B-
TPE	SFO	Sony	Nov-04	Electronic	200	15	15	78%	B+
TPE	SFO	Nike	Nov-04	Generic	600	0.5	1	28%	C-
<b>Total</b>					<b>1300</b>	<b>37.8</b>	<b>37</b>		
TPE	SFO	Sony	Dec-04	Electronic	317	30	30	45%	B+
TPE	SFO	Nike	Dec-04	generic	600	2	3	71%	B-
<b>Total</b>					<b>917</b>	<b>32</b>	<b>33</b>		

Fig. 12 A

Indices: Asia US \$2.8865 US/Asia \$0.85 Asia/EU \$2.1076 EU/EU \$0.5438 EU/US \$0.7845 Routes TPE-SFO \$1.8916 HK-LAX \$2.455

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## ► Future Freight™

Select Region: From: **Asia**To: **US-West**

Futures View

Market

Orig	Dest	Month	Service	Bid	Ask	Weight
HKG	SFO	Nov-03	2 Day	\$2.21		134
TPE	SFO	Nov-03	2 Day	\$2.30	\$2.31	134
TPE	LAX	Jan-04	Express	\$2.86	\$2.87	150
HKG	SFO	Feb-04	Express	\$2.45	\$2.48	100
HKG	LAX	Dec-03	1 day	\$2.23	\$2.34	100
PVG	SEA	Dec-03	Express	\$2.42	\$2.49	100
ICN	LAX	Nov-03	1 Day	\$2.86	\$2.89	75

## My Commitments

Orig	Dest	Month	Service	Price	Curr Price	Gain	% of Forecast	Wt	Action
HKG	SFO	Nov-03	Express	\$1.30	\$1.80	.38	16%	76	B
HKG	SFO	Dec-03	Express	\$1.30	\$1.30	0	0%	20	B
PVG	SEA	Nov-03	Express	\$2.23	\$2.79	.672	12%	12	B
TPE	LAX	Feb-04	Express	\$2.88	\$2.88	0	0%	54	B
TPE	SFO	Jan-04	Express	\$2.23	\$2.12	-.13.2	13%	120	B
HKG	SEA	Dec-03	Express	\$1.80	\$8.00	176.3	9%	43	S
HKG	SFO	Dec-03	Express	\$2.23	\$2.40	5.61	13%	33	S
ICN	LAX	Nov-03	Express	\$2.23	\$2.23	0	0%	10	S
PVG	SFO	Nov-03	2 day	\$2.23	\$2.50	26.73	34%	99	S

## Carrier Dashboard

Summary	Market	Commitment	Order	Forecast	Indices	History	Signout

## My Orders

Orig	Dest	Month	Service	Type of Order	Limit Price	Weight
SIN	SFO	Dec-03	1 Day	Buy	\$1.30	78
SIN	SFO	Nov-03	Express	Sell	\$2.48	54
TPE	SFO	Dec-03	1 Day	Sell	\$2.88	98
SIN	SFO	Feb-04	Express	Buy	\$1.58	45
ICN	LAX	Feb-04	Express	Sell	\$2.67	12
HKG	LAX	Jan-04	1 Day	Buy	\$1.56	40
ICN	SFO	Nov-03	1 Day	Iceberg Sell	\$1.54	150
TPE	LAX	Nov-03	Express	Sell	\$3.50	14
HKG	SFO	Dec-03	Express	Sell	\$3.00	134
...	...	...	...	...	...	...

## Forecast

Orig	Dest	Conf	Month	Cargo Type	Vol	Act Wt	Trd Wt	Quality
TPE	SFO	64%	Nov-04	Electronic	500	22	21	B-
TPE	LAX	59%	Nov-04	Electronic	200	15	15	B+
TPE	SEA	23%	Nov-04	Generic	800	0.5	1	C-
<b>Total</b>					<b>1300</b>	<b>37.5</b>	<b>37</b>	
TPE	LAX	46%	Dec-04	Electronic	317	30	30	B+
TPE	SEA	75%	Dec-04	Generic	800	2	3	B-
<b>Total</b>					<b>917</b>	<b>32</b>	<b>33</b>	

Fig. 12 B

Indices: Asia US \$2.88, US/Asia \$0.85, Asia/EU \$2.10, EU/EU \$0.78, EU/Asia \$0.54, EU/US \$0.68, US/EU \$0.68, US/US \$2.45, Routes TPE-SFO \$1.89, HK-LAX \$2.45

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## ► Future Freight™

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To: US-West

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## Market

Orig	Dest	Month	Service	Bid	Ask	Strike	Weight
HKG	SFO	Nov-03	2 Day	0.05	0.06	\$2.31	134
TPE	SFO	Nov-03	2 Day	0.25	0.28	\$2.32	134
TPE	LAX	Jan-04	Express	0.07	0.12	\$2.59	150
HKG	SFO	Feb-04	Express	0.12	0.14	\$2.07	100
HKG	LAX	Dec-03	1 day	0.14	0.28	\$2.53	100
PVG	SEA	Dec-03	Express	0.15	0.16	\$2.43	100
ICN	LAX	Nov-03	1 Day	0.47	0.48	\$2.17	75

## My Commitments

Orig	Dest	Month	Service	Strike Price	Prem	Curr Price	Gain	% of Forecast	Wt	Action
HKG	SFO	Nov-03	Nov-03	Express	\$1.30	0.07	\$1.80	38	16%	76 B
HKG	SFO	Dec-03	Dec-03	Express	\$1.30	0.09	\$1.30	0	0%	20 B
PVG	SEA	Nov-03	Nov-03	Express	\$2.23	0.21	\$2.79	6.72	12%	12 B
TPE	LAX	Feb-04	Express	\$2.86	0.14	\$2.88	0	0%	54 B	
TPE	SFO	Jan-04	Express	\$2.23	0.09	\$2.12	-13.2	13%	120 B	
HKG	SEA	Dec-03	Express	\$1.80	0.10	\$6.00	176.3	9%	43 S	
HKG	SFO	Dec-03	Express	\$2.23	0.12	\$2.40	5.61	13%	33 S	
ICN	LAX	Nov-03	Express	\$2.23	0.24	\$2.23	0	0%	10 S	
PVG	SFO	Nov-03	2 day	\$2.23	0.44	\$2.50	26.73	34%	99 S	

## Carrier Dashboard

Orig	Dest	Month	Service	Strike Price	Prem	Curr Price	Gain	% of Forecast	Wt	Action
TPE	SFO	Nov-03	Nov-03	Express	\$1.30	0.07	\$1.80	38	16%	76 B
TPE	SFO	Dec-03	Dec-03	Express	\$1.30	0.09	\$1.30	0	0%	20 B
PVG	SEA	Nov-03	Nov-03	Express	\$2.23	0.21	\$2.79	6.72	12%	12 B
TPE	LAX	Feb-04	Express	\$2.86	0.14	\$2.88	0	0%	54 B	
TPE	SFO	Jan-04	Express	\$2.23	0.09	\$2.12	-13.2	13%	120 B	
HKG	SEA	Dec-03	Express	\$1.80	0.10	\$6.00	176.3	9%	43 S	
HKG	SFO	Dec-03	Express	\$2.23	0.12	\$2.40	5.61	13%	33 S	
ICN	LAX	Nov-03	Express	\$2.23	0.24	\$2.23	0	0%	10 S	
PVG	SFO	Nov-03	2 day	\$2.23	0.44	\$2.50	26.73	34%	99 S	

## My Orders

Orig	Dest	Month	Service	Type of Order	Limit	Strike	Weight
SIN	SFO	Dec-03	1 Day	Buy	0.05	\$1.30	78
SIN	SFO	Nov-03	Express	Sell	0.12	\$2.48	54
TPE	SFO	Dec-03	1 Day	Sell	0.24	\$2.88	98
SIN	SFO	Feb-04	Express	Buy	0.14	\$1.58	45
ICN	LAX	Feb-04	Express	Sell	0.26	\$2.67	12
HKG	LAX	Jan-04	1 Day	Buy	0.18	\$1.86	40
ICN	SFO	Nov-03	1 Day	Iceberg Sell	0.43	\$1.54	150
TPE	LAX	Nov-03	Express	Sell	0.44	\$3.50	14
HKG	SFO	Dec-03	Express	Sell	0.09	\$3.00	134

## Forecast

Orig	Dest	Month	Cargo Type	Vol	Act Wt	Trd Wt	Quality
TPE	SFO	Nov-04	Electronic	500	22	21	B-
TPE	LAX	Nov-04	Electronic	200	15	15	B+
TPE	SEA	Nov-04	Generic	800	0.5	1	C-
<b>Total</b>				<b>1300</b>	<b>37.6</b>	<b>37</b>	
TPE	LAX	Dec-04	Electronic	317	30	30	B+
TPE	SEA	Dec-04	Generic	600	2	3	B-
<b>Total</b>				<b>917</b>	<b>32</b>	<b>33</b>	

Fig. 12C

Indices: Asia/US \$2.88, US/Asia \$0.85, Asia/EU \$1.076, EU/US \$0.5438, EU/Asia \$0.6835, US/EU \$0.7835, Routes TPE-SFO \$1.8918, HK-LAX \$2.455

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Address http://pmminer/main/freight.asp

► Future Freight"

Select Region: From: Asia To: US-West

Market

Orig	Dest	Carri	Time/Date	Serv	Flt	Bid	Ask	Position	Wt
HKG	SFO	SQ	F 05/11/04	2 Day	1124	\$2.21	\$2.23	Upper	134
TPE	SFO	JAL	T 05/12/04	2 Day	109	\$2.30	\$2.31	Upper	134
TPE	LAX	UA	T 05/18/04	Express	1189	\$2.86	\$2.87	Lower	150
HKG	SFO	UA	W 09/08/04	Express	1189	\$2.45	\$2.48	Lower	100
HKG	LAX	SQ	W 08/12/04	Express	116	\$2.23	\$2.34	Upper	100
PVG	SEA	SQ	W 09/15/04	1 day	127	\$2.42	\$2.49	Lower	100
ICN	LAX	SQ	M 07/03/04	Express	1205	\$2.86	\$2.89	Upper	75
			M 07/06/04	1 Day	1203				

Summary Market Commitment Order Forecast Indices History Signout

Adjustment Market - Forwarder

*My Commitments*

Orig	Dest	Service	Carrier	Flt	Cost	Position	Time/Date	Wt	Action
HKG	SFO	SQ	Express	SQ	\$1.24	\$1.80	Lower	F 05/11/04	76
HKG	SFO	SQ	Express	SQ	\$1.09	\$1.30	Upper	T 05/12/04	20
HKG	SFO	SEA	Express	JAL	\$1.89	\$2.79	Upper	T 06/18/04	12
PVG	SEA	SEA	Express	JAL	\$1.89	\$2.86	Lower	W 09/08/04	54
TPE	LAX	LAX	Express	UA	\$1.16	\$2.12	Lower	W 08/12/04	120
TPE	SFO	SFO	Express	UA	\$1.27	\$6.00	Lower	W 09/15/04	43
HKG	SEA	SEA	Express	JAL	\$1.05	\$2.40	Upper	M 07/03/04	33
ICN	LAX	SFO	Express	SQ	\$1.03	\$2.28	Lower	M 07/06/04	33
PVG	SFO	SFO	2 day	SQ	\$2.01	\$2.50	Upper	T 07/23/04	10
								W 06/15/04	99

*My Orders*

Orig	Dest	Time/Date	Serv	Pos	Ord	Flt	Carri	M/L	Limit	Lnk	Wt
SIN	SFO	F 05/11/04	1 Day	U	Buy	1124	SQ	L	\$1.30	OC 121	78
SIN	SFO	T 05/12/04	Express	L	Sell	109	JAL	L	\$2.48	TR 042	54
TPE	SFO	T 05/18/04	1 Day	L	Sell	1189	UA	L	\$2.88	TR 041	98
SIN	SFO	W 09/08/04	Express	L	Buy	1189	UA	M			
ICN	LAX	W 08/12/04	Express	U	Sell	116	JAL	M			
HKG	LAX	W 09/15/04	1 Day	U	Buy	127	SQ	L	\$1.56	40	
ICN	SFO	M 07/03/04	1 Day	U	Ice	1205	SQ	L	\$1.54	OC 012	150
TPE	LAX	M 07/05/04	Express	L	Sell	1203	SQ	L	\$3.50	OC 199	14
HKG	SFO	T 07/23/04	Express	U	Sell	1444	SQ	L	\$3.00		

Fig, 12 D

Indices: Asia/US \$2.88<sub>05</sub> US/Asia \$0.85<sub>25</sub> Asia/EU \$0.85<sub>38</sub> EU/Asia \$0.54<sub>38</sub> EU/EU \$0.78<sub>45</sub> US/EU \$0.68<sub>35</sub> ... Routes TPE-SFO \$1.89<sub>18</sub> HK-LAX \$2.4<sub>55</sub>

Done

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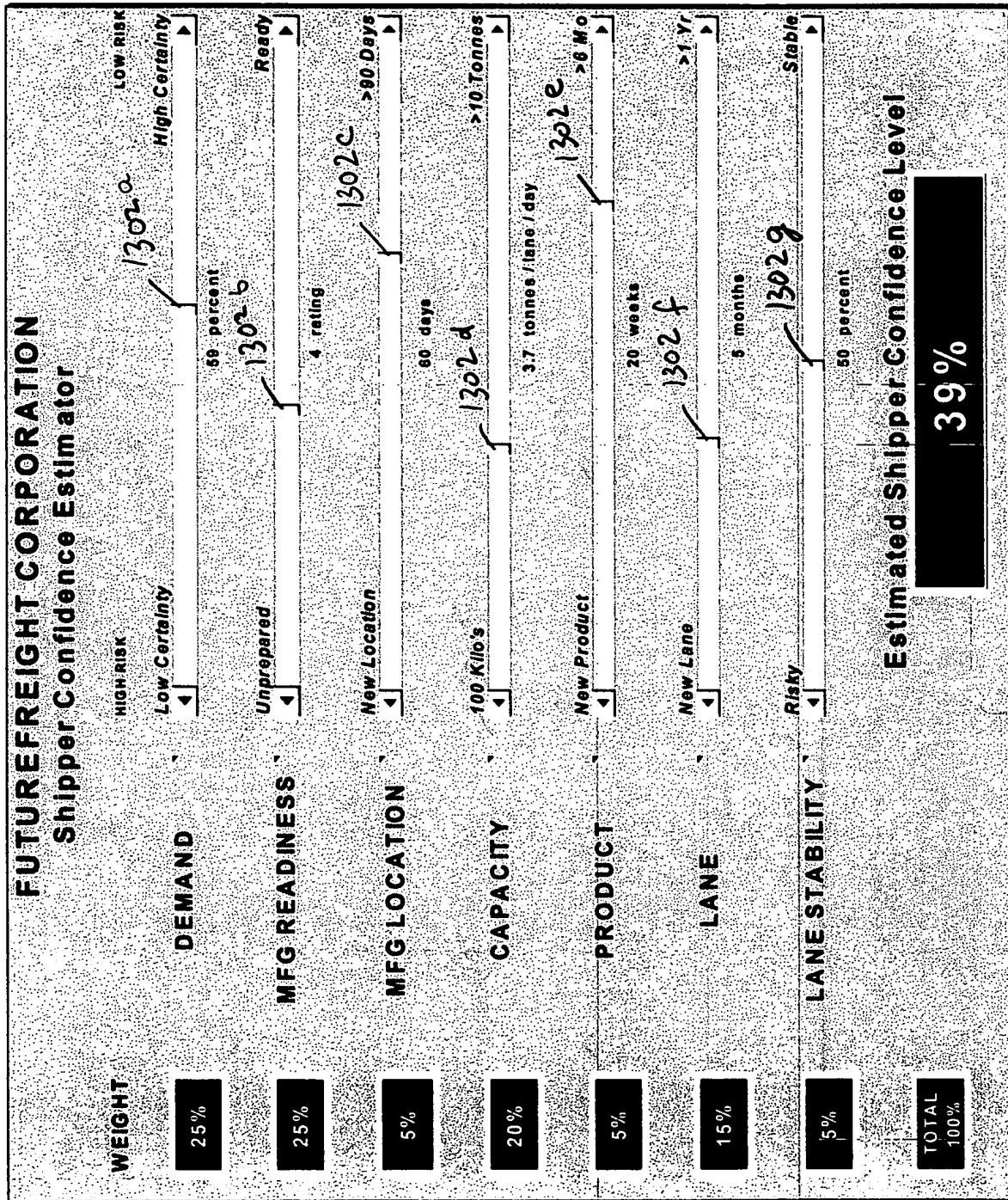
3 Windo...

2 Microso...

1 Microsoft Vi...

6:50 PM

Fig. 13



## Shipper Confidence Level Factors

Factor	Weight	High Risk	Low Risk	Notes
Factor	Weight	Low Certainty	High Certainty	Customer Demand
DEMAND	25%			
MFG READINESS	25%	Unprepared	Ready	Includes availability of supplied material, internal resource readiness (used to build product or part, set up required to build product or part)
MFG LOCATION	5%	New Location	> 90 days	Sensitivity about where product is being built
CAPACITY	20%	100 kg	> 10 tonnes	Amount of capacity to be booked
PRODUCT	5%	New Product	> 6 months	Number of months product has been manufactured
LANE	15%	New lane	> 1 year	Number of months lane has been used for shipping
LANE STABILITY	5%	Risky	Stable	Estimate of lane stability (i.e. wars, strikes, etc.)

Fig. 14

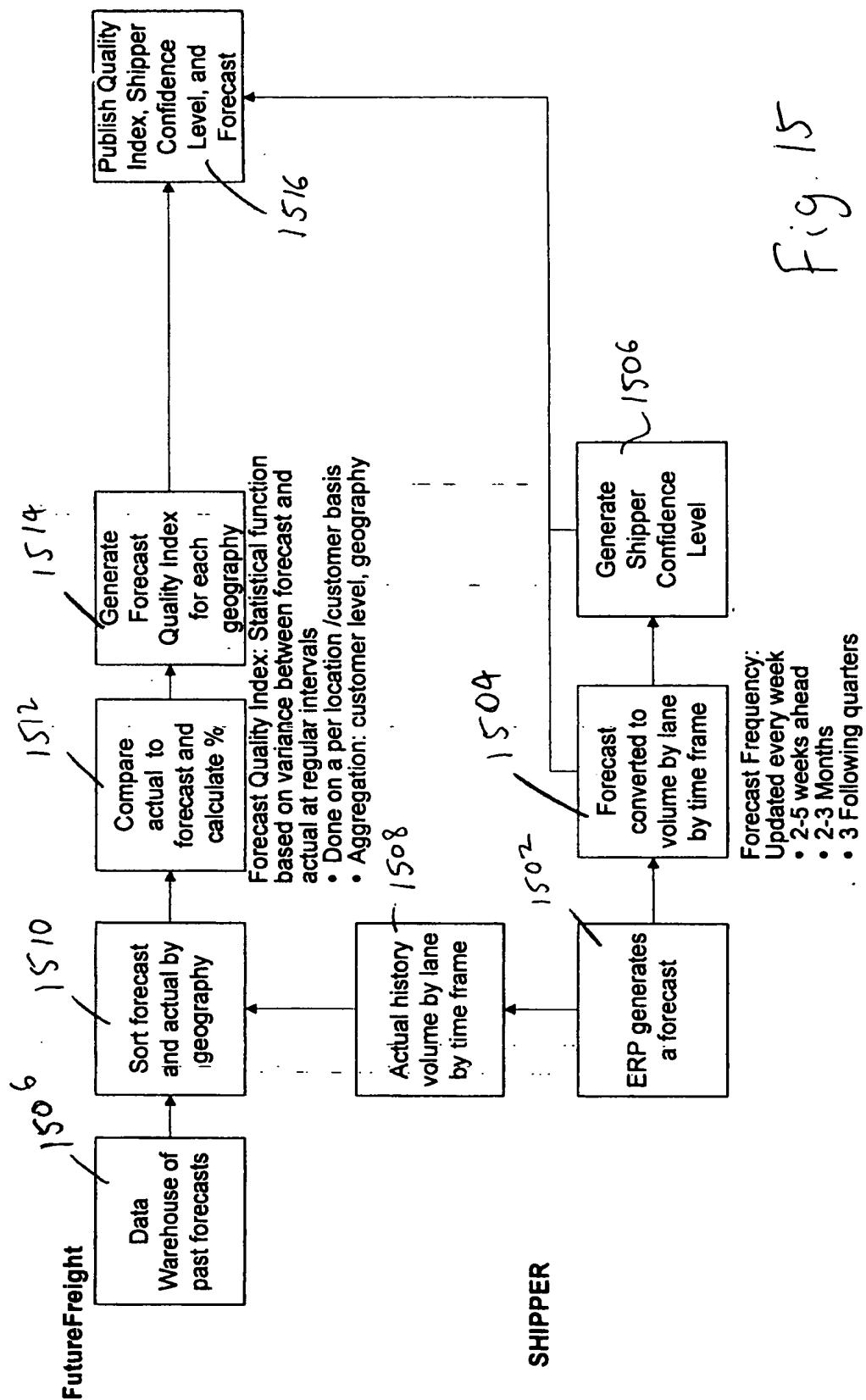


Fig. 15